Citi Bike Expansion: Draft Plan

New York City Department of Transportation
Presented to Brooklyn Community Board 8 Transportation Committee, April 25, 2017
What is Citi Bike?

• Citi Bike is New York City’s bike share system
• A network of bicycle rental stations intended for point-to-point transportation
• Convenient for trips that are too far to walk, but too short for a taxi or the subway
• System operates 24/7
• Public-private partnership
• No city funds used
Strong Safety Record

- Only one reported crash for every 160k trips
- A 2014 CUNY Hunter study identified Citi Bike riders exhibited safer riding behavior than other cyclists
- A 2016 Report from Mineta Transportation Institution found that Bike Share riders have lower rates of crashes than other cyclists

Source: NYCBS, as of October 2015
The Bike

- Safety instructions face the rider
- Rack with built-in elastic cord allows easy carriage of briefcase/handbag size items & front-facing sponsor panel
- Drum brakes provide strong & consistent stopping power even in wet conditions
- Bell mounted on handlebar
- Seat height adjustable for riders from 4’ 8” to 6’ 8”
- Heavy wheels & tires smooth out uneven road surfaces
- 3-speed rear hub
- Front & rear flashing lights are always on once the bike begins to roll
Safe Cycling Promotion

DOT promotes cycling safety with:

- Helmet fittings
- Light and bell giveaways
- Safety awareness classes
- Commercial cyclist workshops
Citi Bike/Motivate promotes cycling safety with:

- Safety ambassadors
- Free Street Skills classes
Growing to 12,000 bikes and approximately 750 stations by end of 2017

Improved bicycle rebalancing, cleaning and maintenance

Interoperable with regional Jersey City system

Annual membership price
$14.95/month with annual contract or $163

NYCHA & CDC memberships
$5/month with annual contract
Currently, the system has:
- 10,000 bicycles
- 610 stations

By end of 2017, total size of Citi Bike system will be:
- 12,000 bikes
- 750 stations

Phase 2 sets stage for future expansion in any direction
High Ridership

- 40,000,000 + Total trips
- 1,990,000 + Memberships sold
- 122,000 + Active annual members
- 69,000 + Trips on busiest days
- 7.0 + Trips per bike on busiest days

Data: NYCDOT
(as of April 2017)
Extensive participatory planning and outreach campaign conducted to select station locations in CB8

In this area, outreach campaign has included:

- More than 13 meetings and events with CB8, elected officials, area institutions, BIDs, and other community organizations
- Public community planning workshops in October and December 2016
Creating a Plan

Map presented at community planning workshops in October and December 2016

175 potential sites shown

Participants asked to use red and green stickers and comment forms to indicate opinion on specific sites
Creating a Plan

Potential sites are shown here by intensity of stakeholder preference.

Darker shade indicates greater preference.

Inputs include:

• Community feedback
• Concentration of support clicks from public web portal
• Motivate operational considerations
Where possible, less preferred sites were removed from consideration.
Community preference and network considerations were combined to create a draft plan.

17 sites needed for CB 8 Draft Plan.
Typical Station Locations

STATIONS IN ROADBED

Stations are typically located in the parking lane of the street, or on sidewalks that are wide enough to allow pedestrian flow.
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Planned Citi Bike station locations (w/ cardinal side of street):

- **Blue Triangle:** Sidewalk (east side), against curb line
- **Blue Square:** Sidewalk (west side), against building/fence line
- **Red Circle:** Roadbed (north side)
Planned Citi Bike station locations (w/ cardinal side of street):

- Sidewalk (east side), against curb line
- Sidewalk (west side), against building/fence line
- Roadbed (north side)
- Existing Citi Bike Station
Questions?

nyc.gov/bikeshare
www.citibikenyc.com

Thank You